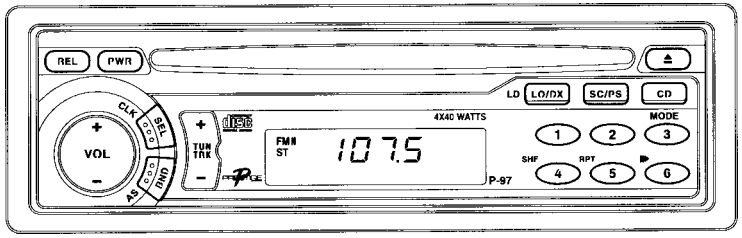


P-97

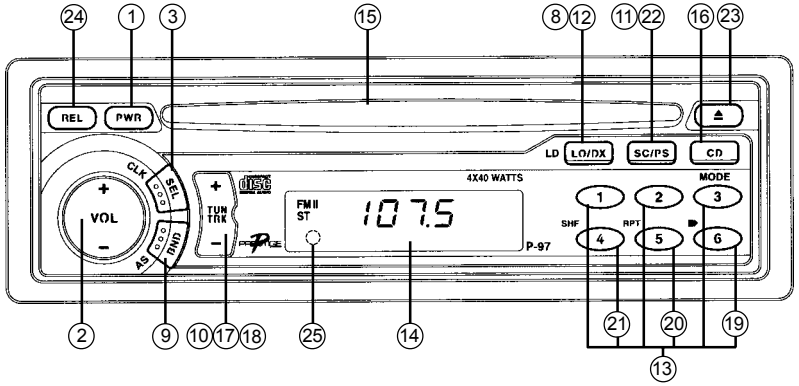
HIGH POWER DETACHABLE FACE ELECTRONICALLY-TUNED AM/FM/MPX RADIO WITH COMPACT DISC PLAYER AND QUARTZ CLOCK

COMPACT disc DIGITAL AUDIO

PRESTIGE by AUDIOVOX AUTOSOUND

OWNER'S MANUAL

OPERATING INSTRUCTIONS



1 ON-OFF POWER BUTTON VOLUME LEVEL MEMORY

Press this button momentarily to turn the unit on or off. The unit will also turn on automatically when a compact disc is inserted if the ignition switch is "on".

This button is also used to set the memory for the volume level which will be recalled when the unit is turned on. To set the volume memory, turn the unit on and adjust the volume using the Volume Control 2 to the level which you wish to be recalled when the unit is turned on. Then, press the On-Off button and hold it for approximately 2 seconds. The unit will turn off and the selected volume level is now set in the memory. If the unit is turned off with the volume higher than the memory setting, the unit will return to the memory setting when turned back on. If, however, the unit is turned off with the volume lower than the memory setting, the unit will return to the lower setting when turned back on.

2 VOLUME LEVEL CONTROL

To increase the volume level, press the **+** side of the button. The volume will increase and the level will be shown on the display panel from a minimum of 0 to a maximum of 80. To increase the volume quickly, keep the button pressed. To decrease the volume level, press the **–** side of the button. Keep the button pressed to decrease the volume quickly. The display will automatically return to the normal indication 5 seconds after the last volume adjustment or when another function is activated. These buttons are also used in conjunction with the Select button 3 to adjust the bass, treble, balance, and fader levels as described in 4, 5, 6 and 7.

3 SELECT BUTTON (SEL)
DISPLAY CALL
DISPLAY PRIORITY SELECTOR
IGNITION-OFF CLOCK CALL

SELECT FUNCTION: This button is used to select the audio function (volume, bass, treble, balance, or fade) to be adjusted using the Level Control 2, as well as the indication (time, frequency, or CD) shown on the display panel.

DISPLAY CALL: During radio operation, a momentary press of the button will change the display from frequency to clock time. After 5 seconds, the display will automatically return to frequency if set to frequency/CD display priority. If the unit has been set to time display priority, a momentary press of the button will change the display from time to frequency/CD. After 5 seconds, it will change back to time display.

During CD operation, a momentary press of the button will change the display from track number to track elapsed time. Another press of the button will change to clock time. After 5 seconds, the display will automatically return to track number if set to frequency/CD display priority. If the unit has been set to time display priority, momentary presses of the button will change the display to track number and then elapsed time. After 5 seconds, it will change back to time display.

Additional momentary presses of the button will set the unit for bass adjustment (level number above **BAS** will flash on display panel), treble (level number above **TRE** will flash), balance (**BAL** on display), fader (**FAD**) or volume (level number). The display will automatically return to the normal indication 5 seconds after the last adjustment is made or when another function is activated.

DISPLAY PRIORITY: This unit can be set so that either the clock time or radio frequency/CD track will normally appear on the display panel. Use the following procedure to set the display priority:

Clock Time Priority: With radio frequency on the display panel, press and hold the Select button for approximately 2 seconds until clock time is shown. The display will now automatically return to time display 5 seconds after any other radio, CD or audio function display.

NOTE: Release the button as soon as the display changes from frequency to time (approximately 2 seconds). Holding the button in for too long will put the unit into time setting mode (flashing time display). See section on "Setting the Clock".

Frequency/CD Track Priority: With clock time showing on the display panel, press and hold the Select button for approximately 2 seconds until the frequency display is shown. The display will now automatically return to radio frequency or CD track 5 seconds after any other function is activated.

IGNITION-OFF CLOCK CALL: To check the time with the vehicle ignition switch in the "off" position, momentarily press the Select button. The display will illuminate and show the time and then automatically shut off after 5 seconds.

4 BASS CONTROL

To adjust the bass level, first select the Bass mode by pressing the Select button 3 so that the level number above the **BAS** indication is flashing. Within 5 seconds of choosing the Bass mode, press the **+** or **–** side of the button of the Level control 2 to adjust the bass response as desired. The bass level will be shown on the display panel from a minimum of **–7** to a maximum of **7** (**0** is flat response). The display will automatically return to the normal indication 5 seconds after the last adjustment or when another function is activated.

5 TREBLE CONTROL

To adjust the treble level, first select the Treble mode by pressing the Select button 3 so that the level number above the **TRE** indication is flashing. Within 5 seconds of choosing the Treble mode, press the **+** or **–** side of the button of the Level control 2 to adjust the treble response as desired. The treble level will be shown on the display panel from a minimum of **–7** to a maximum of **7** (**0** is flat response). The display will automatically return to the normal indication 5 seconds after the last adjustment or when another function is activated.

6 LEFT/RIGHT BALANCE CONTROL

To adjust the left-right speaker balance, first select the Balance mode by pressing the Select button 3 so that the **BAL** indication appears on the display panel. Within 5 seconds of choosing the Balance mode, press the **+** side of the Level Control 2 to adjust the stereo balance to the left channel speakers or the **–** side to adjust it to the right channel speakers. When the volume level between the right and left channels is equal, **0^{L} ^{R}0** will be shown on the display panel. Adjusting the balance toward the right will increase the number on the right side of the display to a maximum of **0^{L} ^{R}9** (full right). Adjusting the balance toward the left will increase the number on the left side of the display to a maximum of **9^{L} ^{R}0** (full left). The display will automatically return to the normal indication 5 seconds after the last balance adjustment or when another function is activated.

7 FRONT/REAR FADER CONTROL

To adjust the front-rear speaker balance, first select the Fader mode by pressing the Select button 3 so that the **FAD** indication appears on the display panel. Within 5 seconds of choosing the Fader mode, press the **+** or the **–** side of the Level Control 2 to adjust the front-rear speaker levels as desired. When the level of the front and rear speakers is equal, **0^{F} ^{R}0** will be shown on the display panel. Adjusting the fader toward the front speakers will increase the number on the left side of the display to a maximum of **9^{F} ^{R}0** (full front). Adjusting the fader toward the rear speakers will increase the number on the right side of the display to a maximum of **0^{F} ^{R}9** (full rear). The display will automatically return to the normal indication 5 seconds after the last fader adjustment or when another function is activated.

8 LOUDNESS CONTOUR (LD)

Pressing this button for longer than 2 seconds will activate the Loudness Contour as indicated by **LOUD** on the display panel. When listening to music at low volume levels, this feature will boost the bass and treble ranges to compensate for the characteristics of human hearing. Pressing the button again for longer than 2 seconds will deactivate the feature and **LOUD** will disappear from the display panel.

NOTE: Momentary presses of the button will change the radio sensitivity in Seek and Scan Tuning modes from local to distance and back again as described in section bn.

9 AM/FM BAND SELECTOR (BND) AUTO-STORE TUNING (AS)

During radio operation, each momentary press of this button will change the radio band. The indication **AM**, **FMI**, or **FMII** will appear on the display panel according to your selection.

Pressing and holding the button for longer than 4 seconds will activate the Auto-Store Tuning function which will automatically scan the AM or FMII bands and enter strong stations into the pre-set memory positions for that band. If you have already set the pre-set memories on the AM or FMII bands to your favorite stations, activating the Auto-Store feature will erase those stations

and enter new ones. This feature is most useful when traveling in a new area where you are not familiar with the local stations.

MANUAL UP/DOWN TUNING (+/–)
AUTOMATIC SEEK TUNING

Each time the **+** side of the button is tapped, the radio will tune one frequency step higher. Similarly, each tap of the **–** side of the button will tune one frequency step lower. To manually tune in a station, tap the button of the appropriate direction until the desired frequency is reached.

Pressing either side of the button for longer than 0.5 seconds and then releasing will activate the Automatic Seek Tuning function. The radio will seek the next available station and stop at that frequency. The Seek function can be stopped by pressing the button again or activating any other tuning function.

Pressing and holding either side of the button for longer than 0.5 seconds will cause the radio to continue tuning rapidly in the selected direction until the button is released at which point it will seek to the next available station.

AUTOMATIC SCAN TUNING (SC)
PRE-SET SCAN TUNING (PS)

During radio operation, press this button to scan the stations on the band in use, stopping at each one for 8 seconds before continuing to the next station (the frequency on the display panel will flash during Scan mode operation). When a desired station is reached, press the button again to stop the Scan function and remain on the selected frequency. Scan mode will also be canceled by activating any other tuning function.

Pressing and holding the button for 2 seconds will activate the Pre-Set Scan Tuning function which will scan the 6 stations pre-set into the memories of the AM band or the 12 stations pre-set into the FMI and FMII bands. The unit will stop at each pre-set station for 8 seconds before continuing to the next pre-set station (the pre-set number on the display panel will flash during Pre-Set Scan operation). Press the button again momentarily to stop Pre-Set Scan operation and remain on the selected frequency.

LOCAL/DISTANT SELECTOR (LO/DX)

This feature is used to select the strength of the signals at which the radio will stop during Automatic Seek and Scan Tuning. Momentarily pressing the button will select the Local setting (**LOC** will appear on the display panel) and only strong (local) stations will be received. Momentarily pressing the button again will select the Distant setting (**LOC** will disappear from the display panel) and the radio will stop at a wider range of signals, including weaker (more distant) stations.

NOTE: Pressing this button for longer than 2 seconds will activate or deactivate the Loudness Contour feature as described in Section 8.

STATION PRE-SET MEMORIES

To set any of the 6 pre-set memories in each band, use the following procedure:

1. Turn the radio on and select the desired band.
2. Select the first station to be pre-set using the Manual Up/Down or Automatic Seek Tuning Controls .
3. Press the pre-set button to be set and continue to hold it in. After approximately 2 seconds, the display will flash and the volume will be momentarily muted indicating that the station is now set into that pre-set memory position. The station can now be recalled at any time by pressing that button.
4. Repeat the above procedure for the remaining 5 pre-sets on that band and for the other 2 bands on the unit.

p LIQUID CRYSTAL DISPLAY PANEL

The Liquid Crystal Display (LCD) panel displays the frequency, time, and activated functions.

NOTE: It is a characteristic of LCD panels that, if subjected to cold temperatures for an extended period of time, they may take longer to illuminate than under normal conditions. In addition, the visibility of the numbers on the LCD may slightly decrease. The LCD read-out will return to normal when the temperature increases to a normal range.

q DISC SLOT

With the label surface facing up, gently insert the disc into the slot until the soft-loading mechanism engages (**LOAd** will appear on the display panel) and disc play begins. The IN indication and track number will appear on the display panel.

NOTE: This unit is designed for play of standard 5" (12cm) Compact Discs ONLY. Do not attempt to use 3" (8cm) CD-Singles in this unit, either with or without an adapter, as damage to the player and/or disc can occur. Such damage will not be covered by the Warranty on this product.

r CD MODE SELECTOR (CD)

When listening to radio with a disc loaded in the unit (IN on the display panel), press this button to return to disc play mode from the point at which play was stopped.

During disc play, pressing this button will stop play of the disc and switch to radio operation without ejecting the disc. During this time, the IN indication will remain on the display panel to show that a disc is still loaded in the unit. Press the button again to return to disc play from the point at which it was stopped.

s TRACK SELECT (+/–)

These buttons are used to quickly select the beginning of a particular track. With each momentary tap of the Forward Track Select button **(+)**, the next higher track number will be selected as shown on the display panel. Similarly, with each momentary tap of the Backward Track Select button **(–)**, the next lower track number will be selected.

t CUE/REVIEW FUNCTIONS (+/–)

High-speed audible search to any section of the disc can be made by the Cue and Review functions. Press and hold the Cue button **(+)** to advance rapidly in the forward direction or the Review button **(–)** to advance rapidly in the backward direction. During either function, the elapsed time within each track will automatically be shown on the display panel.

u PAUSE/PLAY SELECTOR (II►)

During disc play, press this button to temporarily stop play of the disc (**PAUS** indication will flash on the display panel). Press the button again to resume play of the disc from the point at which it was stopped. Pause mode will also be canceled by activating any other disc function.

d REPEAT PLAY SELECTOR (RPT)

During disc play, press this button to repeat the play of the selected track (**RPT** will appear on the display panel). Play of the track will continue to repeat until the button is pressed again and the **RPT** indication disappears from the display panel. Repeat Play mode will also be canceled by activating Shuffle Play cm or Track Scan cn functions.

nc SHUFFLE PLAY SELECTOR (SHF)

During disc play, press this button to play the tracks on the disc

in a random shuffled order (**SHF** will appear on the display panel). In Shuffle Play mode, the Forward Track Select **(+)** will also select tracks in the random order instead of the normal progression. Backward Track Select **(–)** will only go back to the beginning of the track in play. The Shuffle Play mode can be canceled by pressing the button again (**SHF** indication will disappear from the display panel) or by activating the Repeat Play cl or Track Scan cm functions.

o TRACK SCAN (SC)

During disc play, press this button to play the first 10 seconds of each track on the disc (**SCAN** will appear and the track number on the display panel will flash during Track Scan operation). When a desired track is reached, press the Scan button again to cancel the function (**SCAN** will disappear and track number will stop flashing) and play of the selected track will continue. Track Scan mode will also be canceled by activating the Repeat Play cl, Shuffle Play cm, Track Select bs or Cue/Review bt functions.

o DISC EJECT (▲)

Disc play is stopped, the disc is ejected (**EJ** on display panel), and the unit will change to radio operation by pressing this button. If the disc is not removed from the unit within 10 seconds of being ejected, it will automatically be re-loaded into the unit to prevent damage (IN will appear on the display panel). Pressing the Eject button again before removing the disc will also re-load the disc into the unit. Discs may be loaded or ejected with the ignition switch on or off.

p FRONT PANEL RELEASE BUTTON

This button is used to release the mechanism that holds the front panel to the chassis. To detach the front panel, press the button so that the left side of the panel is released. Grasp the released side and pull it off of the chassis. To re-attach the panel, position the right side of the panel in place first and then press the left side of the panel until the mechanism locks it into place.

NOTES ON USE OF FRONT PANEL

1. Make sure the front panel is right-side-up when attaching it to the chassis as it cannot be attached when up-side down.
2. Do not press very hard on the front panel when attaching it to the chassis. No more than light to moderate pressure should be needed.
3. When attaching the front panel, make sure the right side is correctly engaged before pressing the left side to lock it into position.
4. When taking the front panel with you, please use the supplied carrying case to protect the panel from dirt and damage. Make sure there is no dust or dirt on the electrical terminals on the back of the panel as this could cause intermittent operation or other malfunctions.

q RE-SET BUTTON

A Re-Set button is located on the front of the chassis (front panel must be removed to access the button). The re-set circuitry is provided to protect the microprocessor circuitry and should only be activated under the following circumstances as it will erase the time and pre-set memories.

1. Upon initial installation after all wiring is complete.
2. After the position of the frequency step switch on the bottom of the chassis has been changed.
3. If there is a malfunction of any of the switches on the unit, pressing the Re-Set button may clear the system and return to normal operation.

SETTING THE CLOCK

1. Turn the radio on so that the radio frequency or clock time is shown on the display panel.
2. Press and hold the Select button 3 approximately 4 seconds until the time display begins flashing.
3. While the time display is still flashing, press the Manual Up Tuning button **(+)** to adjust the hours or the Manual Down Tuning button **(–)** to adjust the minutes to the correct time.
4. When the correct time is shown on the display panel, press the Select button 3 again to return to normal display.

ERROR CODES

If a problem should develop while operating the CD player, the following error codes may be displayed on the LCD panel.

E-01: Indicates an error in the unit reading the data on the disc.

E-02: Indicates an error in the laser focus on the disc. May be caused by high temperature conditions in which case play will resume when the temperature returns to normal range.

E-03: Indicates a data and focus error. May be caused by high temperature conditions in which case play will resume when the temperature returns to normal.

E-04: Indicates a mechanical error.

E-05: Indicates a problem with the loading or eject mechanism.

In case of any of the above indications, eject the disc, make sure it is clean, undamaged, and had been loaded correctly (label side up). Re-load the disc and check for proper operation or try another disc. You may also try pressing the Re-set button cq on the front of the chassis (remove the front panel), but this will also erase the time setting and pre-set memories. If these suggestions do not solve the problem, contact an approved warranty station for further assistance.

FREQUENCY STEP SWITCH

This unit is supplied pre-set at the factory for reception of North American radio stations (10 KHz. channel spacing on AM, 200 KHz. spacing on FM). Use in other areas of the world may require different channel spacing. A switch on the bottom of the chassis allows selection of 9 KHz. AM/50 KHz. FM channel spacing. Slide the switch to the appropriate position using a small screwdriver blade. The Re-Set button cq on the front of the chassis must then be pressed to activate the change of channel spacing.

SPECIFICATIONS

Size:	7" W x 2" H x 6-1/8" D 178 mm x 50 mm x 155 mm
Operating Voltage:	12 volts DC, negative ground
Output Power:	160 watts maximum (40 watts x 4 channels)
Output Wiring:	Floating-ground type designed for 4 speaker use. The amplifiers in this unit are NOT designed for used with 2 speakers. RCA low-level outputs (rear channels).
Output Impedance:	Compatible with 4-8 ohm speakers.
Low-Level Output:	2.0 volts (2,000 mv.)
Tuning Range:	AM: 530-1,710 KHz. (10 KHz. step) 531-1,602 KHz. (9 KHz. step) FM: 87.5-107.9 MHz. (200 KHz. step) 87.5-108.0 MHz. (50 KHz. step)
Sensitivity:	AM: 20 uv. FM: 1.5 uv.
FM Stereo Separation:	30 dB
CD Frequency Response:	20-20,000 Hz. ±1 dB
CD Signal/Noise Ratio:	70 dB
CD Channel Separation:	60 dB
CD Distortion:	0.2%

*Specifications are subject to change without notice.

CARE AND MAINTENANCE

The radio section of your new sound system does not require any maintenance. We recommend you keep this manual for reference on the many features found in this unit as well as how to set the clock.

The compact disc player section also requires no routine maintenance, but proper understanding of its use and handling will help you obtain maximum enjoyment of its capabilities. The following points should be observed:

When cleaning the interior of the vehicle, do not get water or cleaning fluids on the unit.

The CD player is a precision instrument and will not operate properly in extreme hot or cold. In case of such conditions, wait until the interior temperature of the vehicle reaches a normal temperature before using the player.

If the temperature inside the player gets too hot, a protective circuit will automatically stop play of the disc. In this case, allow the unit to cool off before operating the player again.

Never insert anything other than a 5" (12 cm) compact disc into the player as the mechanism can be damaged by foreign objects.

Do not attempt to use 3" (8 cm) CD-Single discs in this unit, either with or without an adaptor, as damage to the player and/or disc may occur. Such damage will not be covered by the Warranty on this product.

When not using the disc player, always remove the compact disc. Do not leave an ejected disc sitting in the disc slot as this can expose it to sunlight and other causes of damage.

Do not attempt to open the unit chassis. There are no user serviceable parts or adjustments inside.

When the vehicle warms up during cold weather or under damp conditions, moisture may condense on the lens of the disc player. Should this occur, the player will not operate properly until the moisture has evaporated.

The unit is designed with a vibration dampening CD mechanism to minimize interruption of disc play due to normal vibration in a moving vehicle. When driving on very rough roads, however, occasional sound skips may occur. This will not scratch or damage the disc and normal play will resume when the rough conditions cease.

HANDLING COMPACT DISCS

Dirt, dust, scratches, and warpage can cause skips in the playback and deterioration of sound quality. Please follow these guidelines to take care of your compact discs:

Use only compact discs with the mark

Fingerprints, dust, and dirt should be carefully wiped off the disc's playing surface (shiny side) with a soft cloth. Wipe in a straight motion from the inside to the outside of the disc.

Never use chemicals such as record sprays, household cleaners or thinner to clean compact discs. Such chemicals can irreparably damage the disc's surface.

Discs should be kept in their storage cases when not in use.

Do not expose discs to direct sunlight, high temperatures or high humidity for extended periods.

Do not stick paper, tape, or labels on the disc surfaces nor write on them with any type of marker.

12 / 24 MONTH LIMITED WARRANTY

Applies to automotive radios, radio/tape players, radio/CD players, CD changers, power amplifiers, equalizers and accessories.

AUDIOVOX CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station or the Company at the address shown below.

The warranty period will be extended to 24 months from the date of original purchase if the product is installed by an authorized Prestige Audio dealer. To claim warranty service during this extended period, the bill of sale must specify that the product was installed by an authorized Prestige Audio dealer.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, compact discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 30 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

U.S.A. : AUDIOVOX CORPORATION, 150 MARCUS BLVD., HAUPPAUGE, NEW YORK 11788 1-800-645-4994

CANADA : CALL 1-800-645-4994 FOR LOCATION OF WARRANTY STATION SERVING YOUR AREA

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